

ATLAS EASTERN MIDDLE ANTHRACITE FIELD, PART 2.

Contains eight sheets. Six mine sheets and two columnar section sheets relating to portions of the Lehigh basins in the vicinity of Upper Lehigh, Pond Creek, Sandy Run, Eckley, Weatherly, Buck Mountain, Beaver Meadow, Coleraine, Jeanesville and Audenried, in Luzerne, Carbon and Schuylkill counties.

Table of Contents.

6 MINE SHEETS, scale 800 feet to 1 inch, $\frac{1}{9600}$ of nature, showing the general surface features and colliery workings.

1. No. III. UPPER LEHIGH SHEET, in the vicinity of Upper Lehigh.

2. No. IV. POND CREEK SHEET, in the vicinity of Pond Creek.

3. No. V. SANDY RUN SHEET, in the vicinity of Eckley and Sandy Run.

4. No. VI. WEATHERLY SHEET, in the vicinity of Buck Mountain and Weatherly.

5. No. VII. BEAVER MEADOW SHEET, in the vicinity of Beaver Meadow.

6. No. VIII. JEANESVILLE SHEET, in the vicinity of Coleraine, Jeanesville and Audenried.

2 COLUMNAR SECTION SHEETS, containing 41 columnar sections, showing the coal measures cut in tunnels and boreholes. Scale, 40 feet to 1 inch, $\frac{1}{480}$ of nature.

7. No. IV. Twenty-three sections at Upper Lehigh, Pond Creek, Sandy Run, Highland, Coleraine and Beaver Meadow collieries.

8. No. V. Eighteen sections at Audenried, Yorktown, Trescow, Spring Mountain, Coleraine, Beaver Meadow and Beaver Brook collieries.

NOTE.—Cross section sheets Nos. I, II and III of this coal field were published in Eastern Middle Atlas, Part I.

Cross sections constructed on lines shown on mine sheets III to VIII will be published in a future atlas of this field.

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GENERAL MAP
OF THE
ANTHRACITE COAL FIELDS
OF
PENNSYLVANIA
AND
ADJOINING COUNTIES.

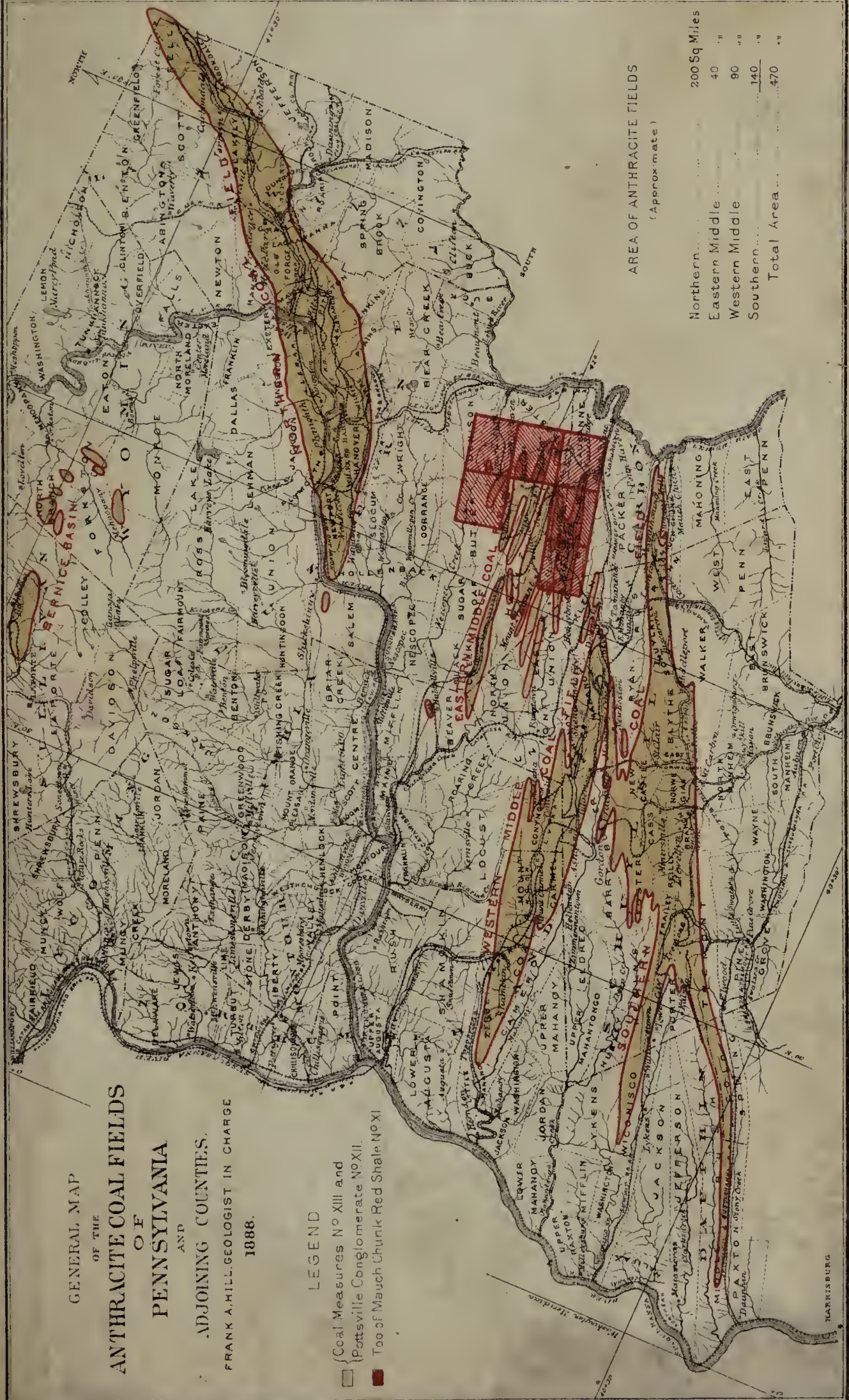
FRANK A. HILL, GEOLOGIST IN CHARGE
1888.

LEGEND

- Coal Measures No XIII and
- Pottsville Conglomerate No XII.
- Too of Mauch Chunk Red Shale No XI

AREA OF ANTHRACITE FIELDS
(Approximate)

Northern	200 Sq Miles
Eastern Middle	40
Western Middle	90
Southern	140
Total Area	470



Scale of Miles.

Scale of Kilometers.

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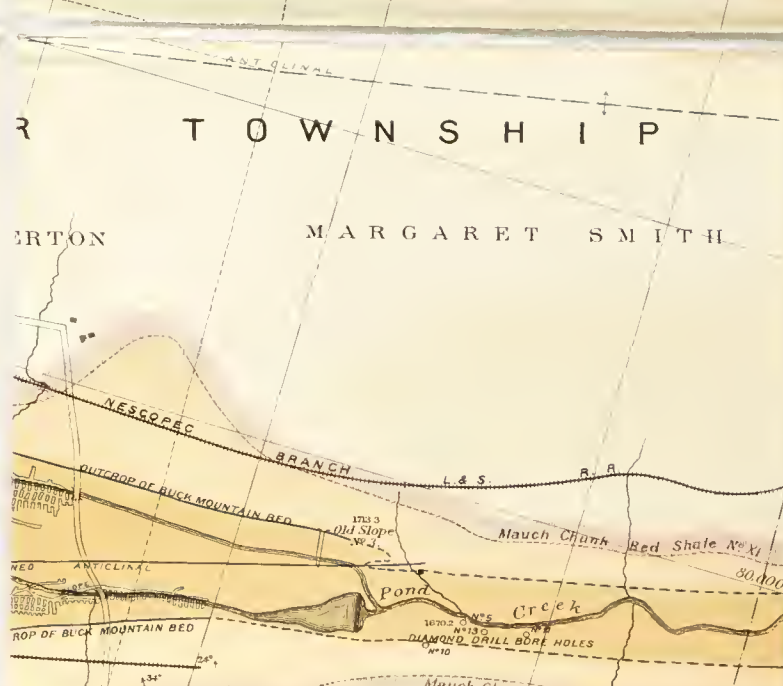
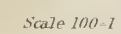
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SECTION OF COAL MEASURES
POND CREEK SHEET
BORE HOLE No 1
POND CREEK COLLIERY
M S KEMMERER



Buck Mtn. Bee

Pottsville
Conglomerate
No. XII

D E N N I S O N T O W N S H I P

EZEKIEL GARNETT

RICHARD. PARKER

ME R E D I T H C L Y M E R

WILLIAM PERRY

F O S T E R T O W N S H I P
J E R E M I A H P A R K E R

J E R E M I A H P A R K E R

H I G H L A N D C O A L C O M P A N Y

MARY HEBERTON

HENRY DEMSATH
M. S. KEMMERER L. BRANDMATEL
ERER LESSEE

L. BRANDMATEI
ERER LESSEE

EDWARD LYNCH

JOSEPH WRIGHT

DAVID DEAN

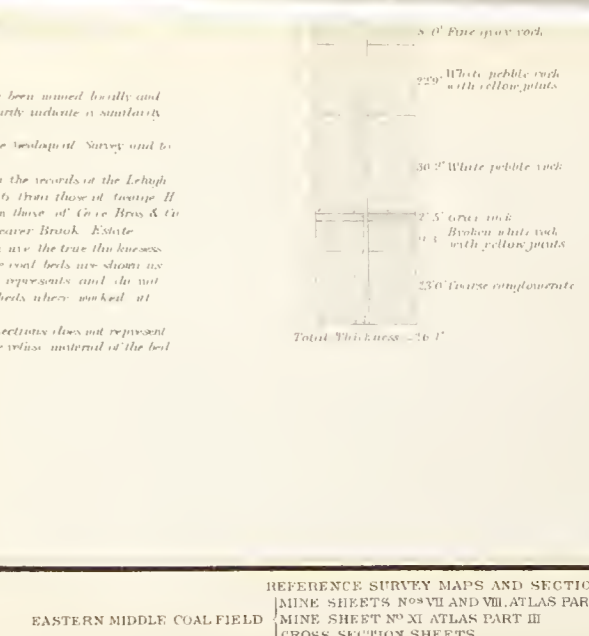
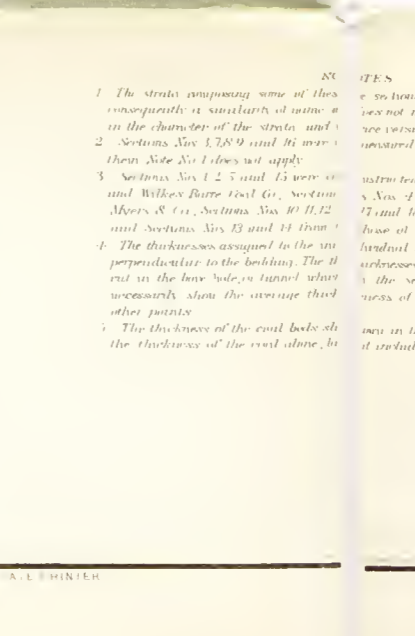
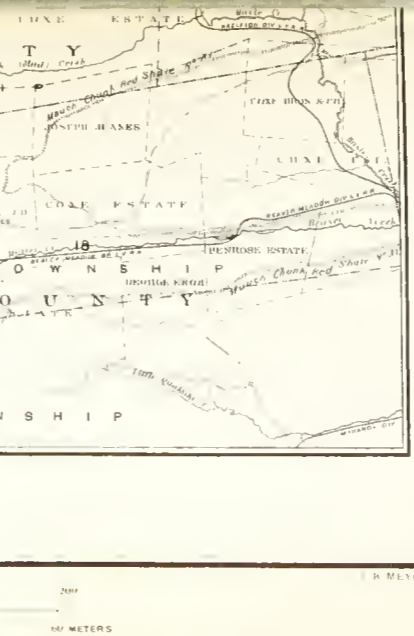
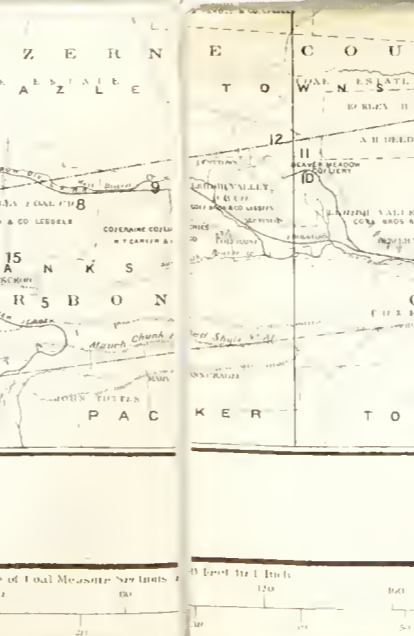
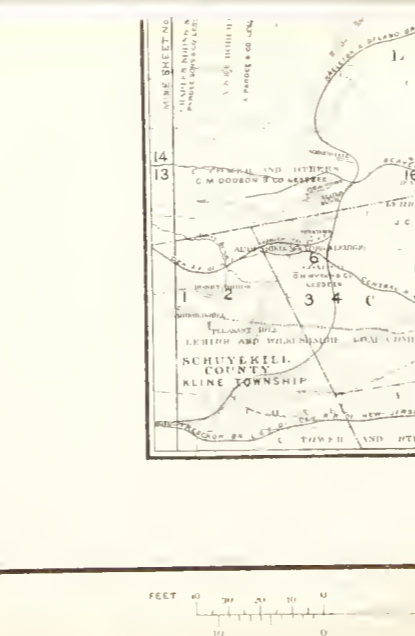
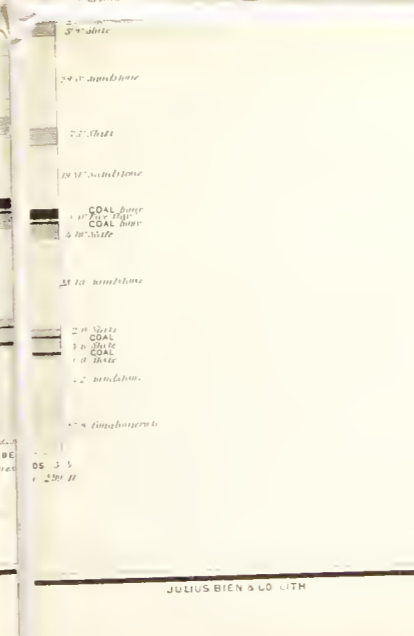
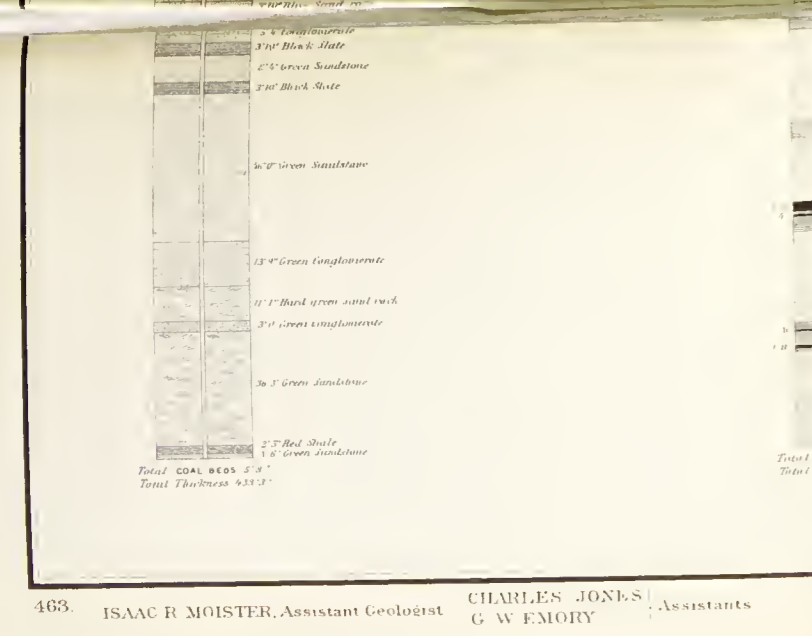
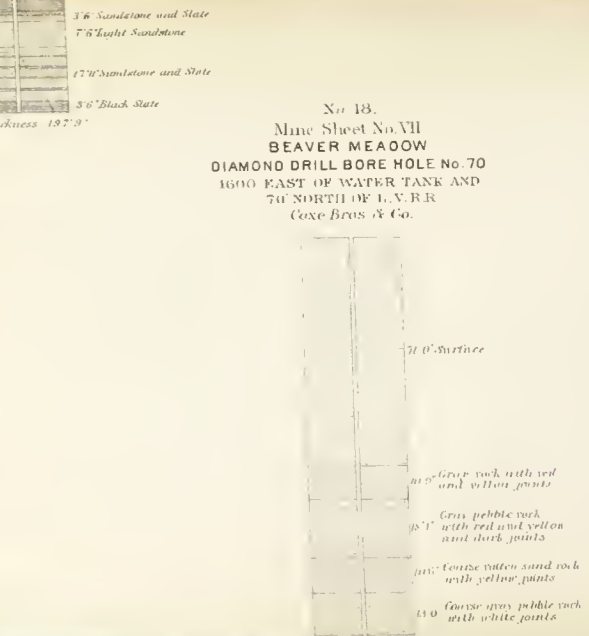
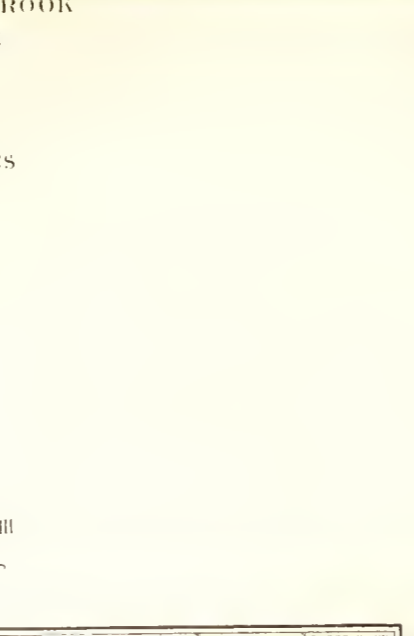
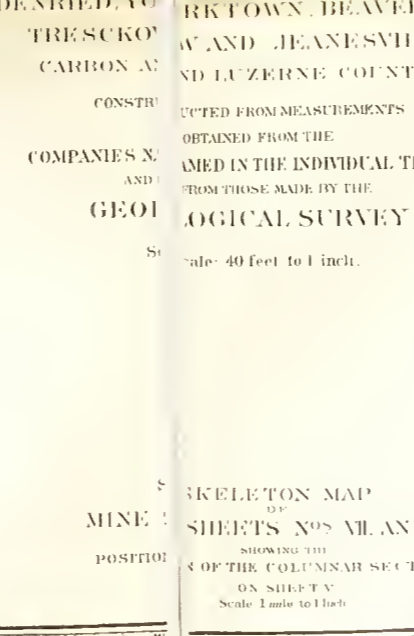
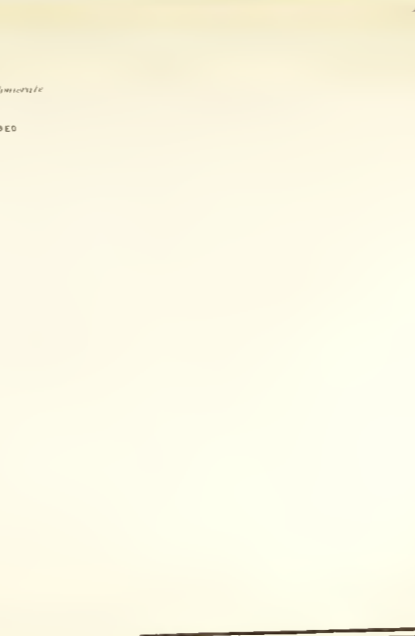
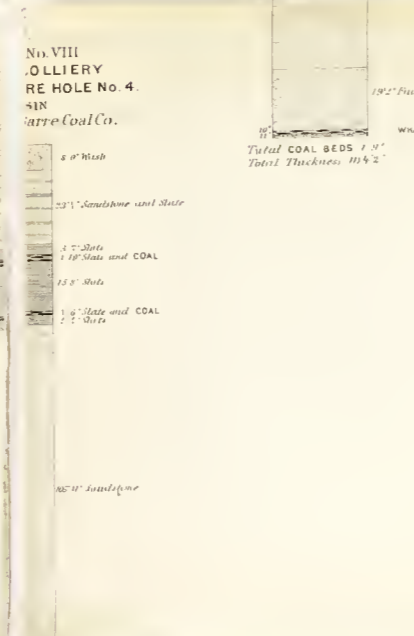
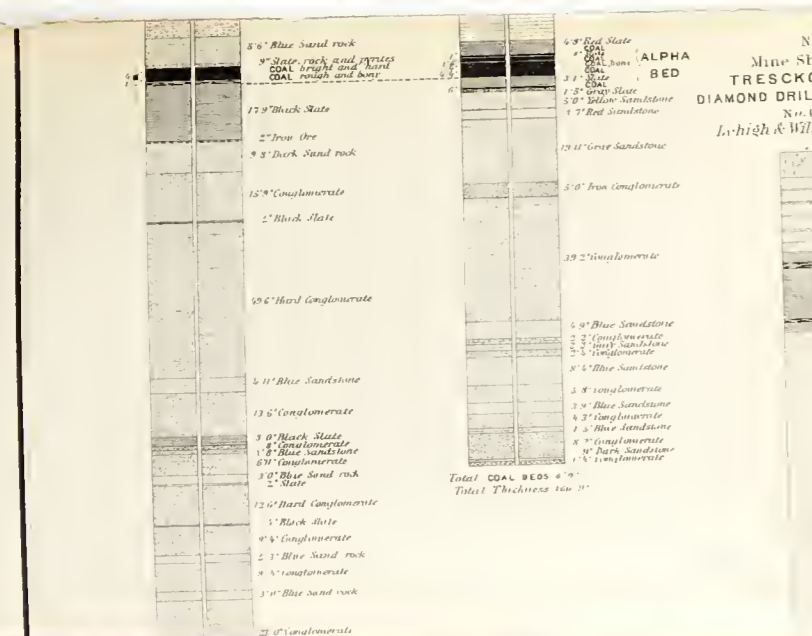
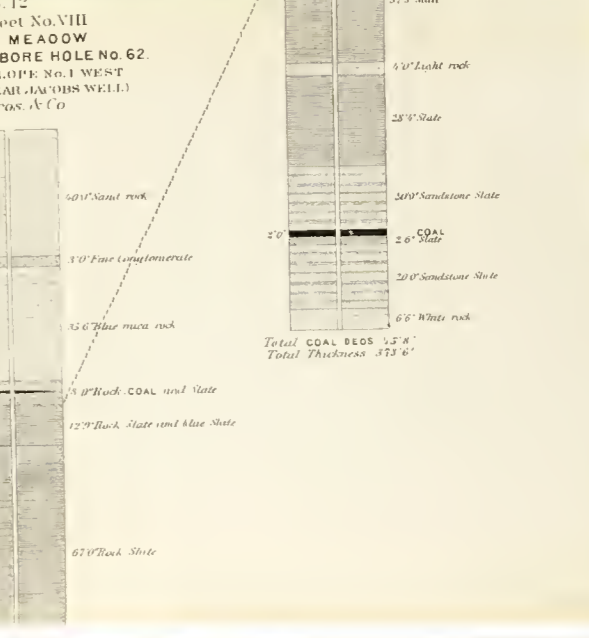
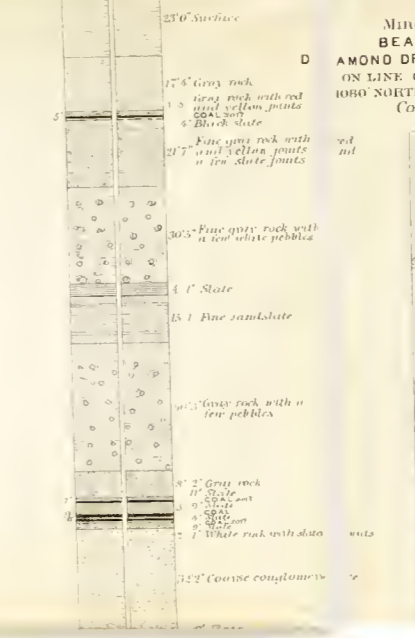
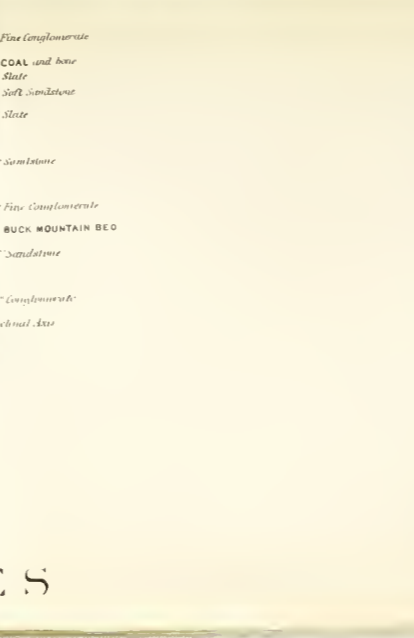
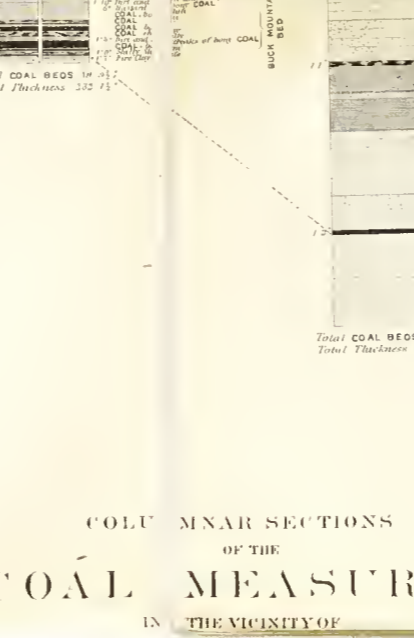
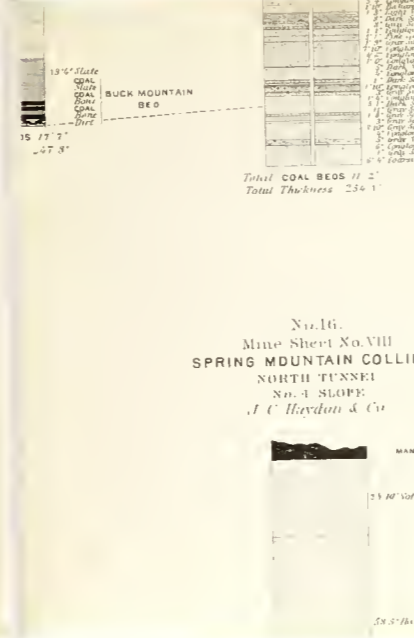
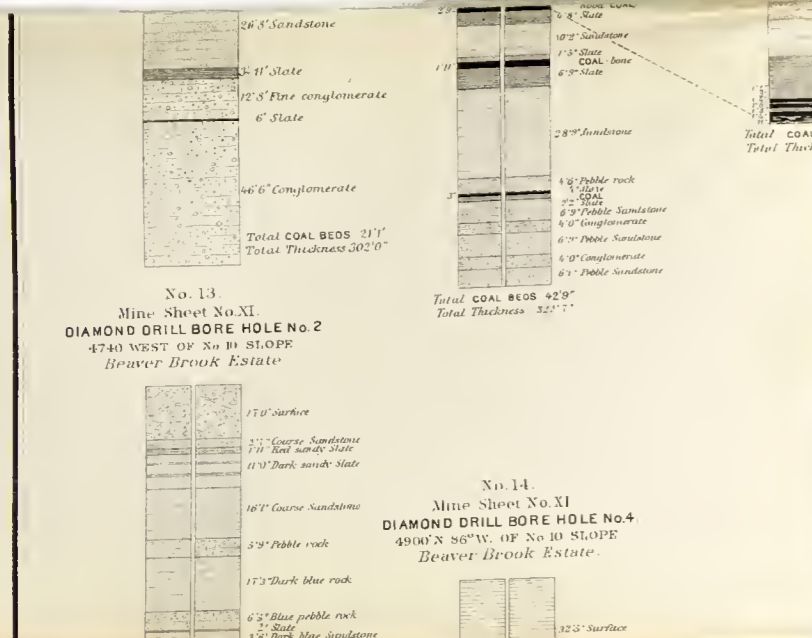
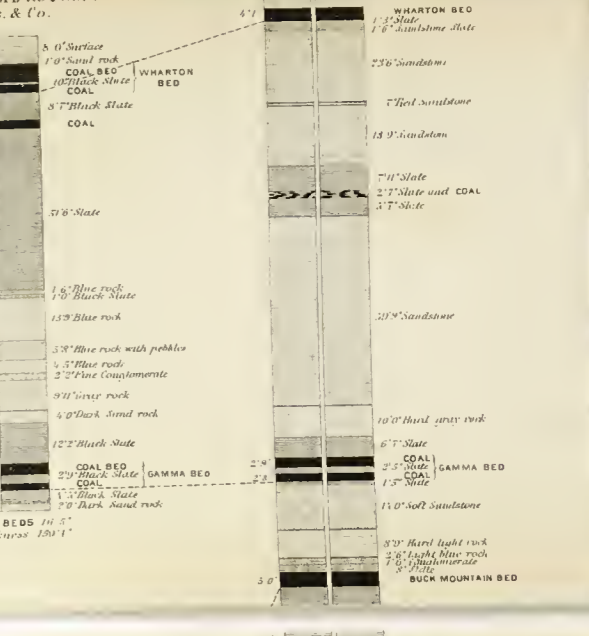
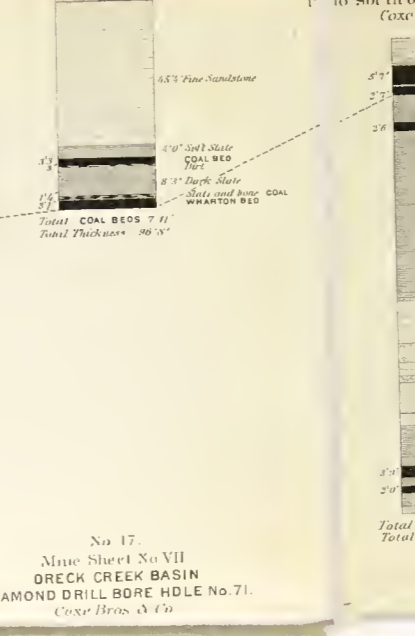
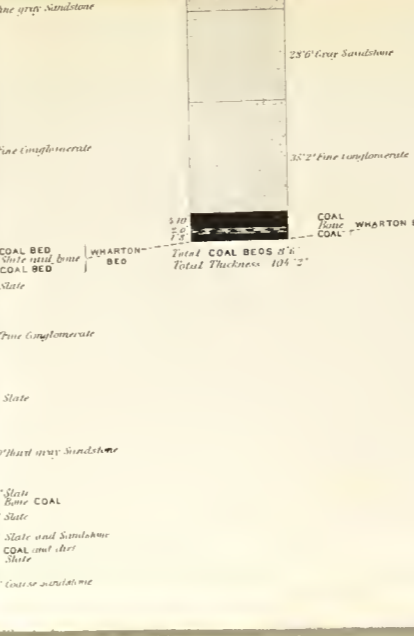
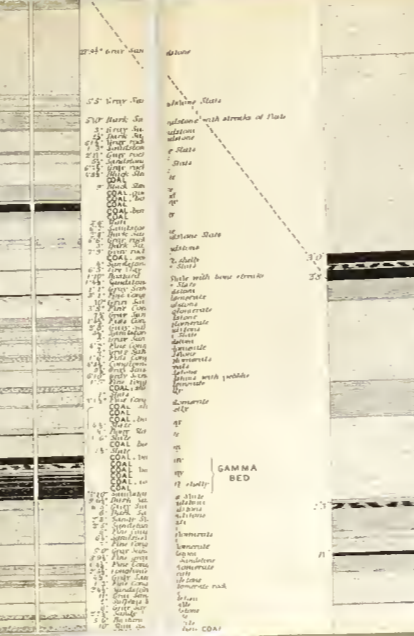
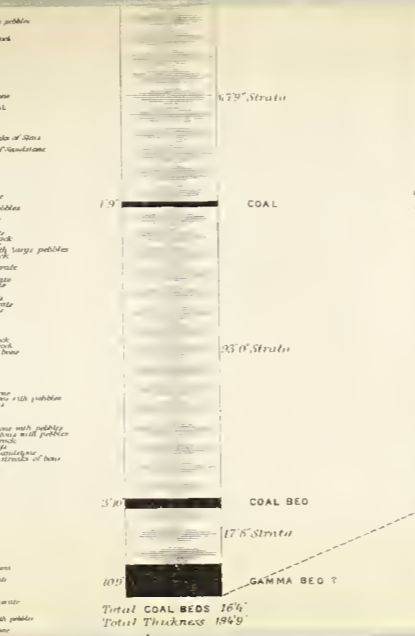
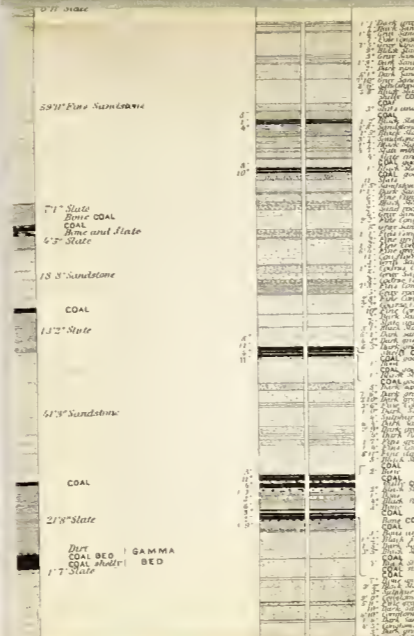
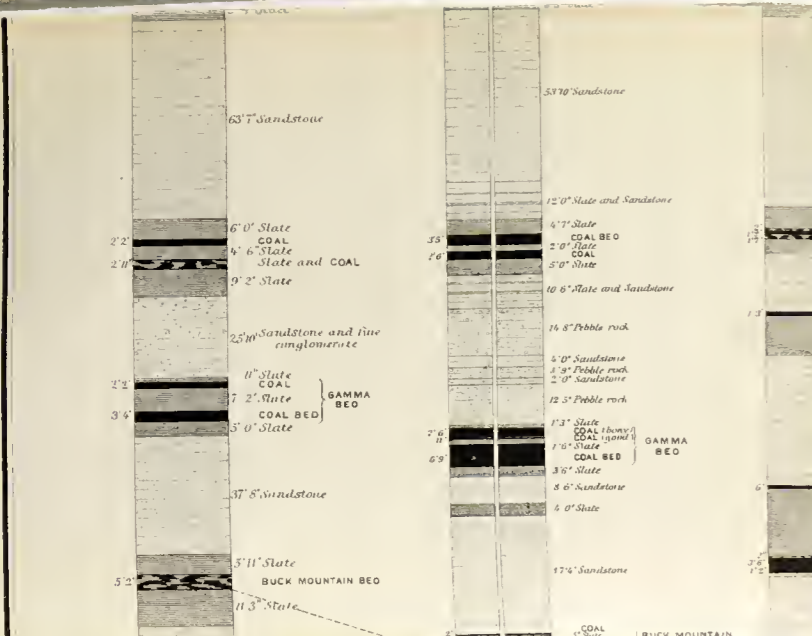
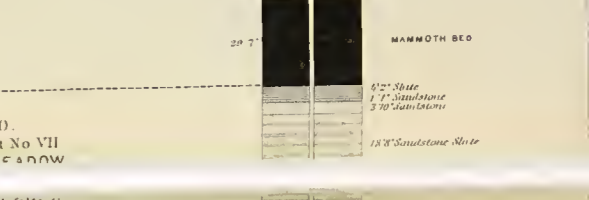
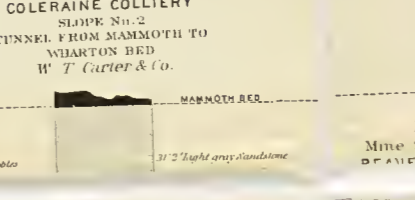
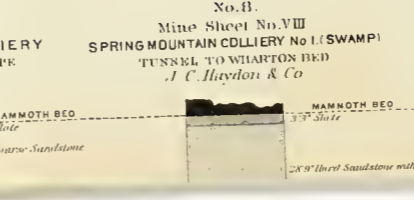
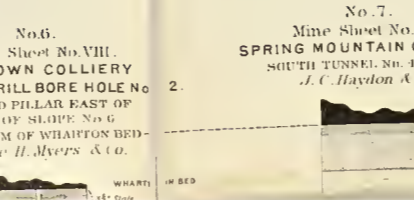
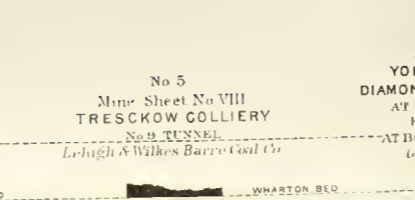
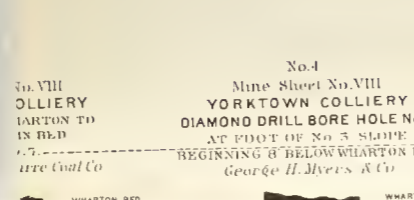
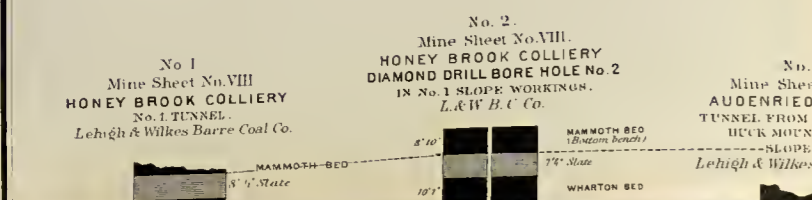
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PETER THOMPSON

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COLUMNAR SECTIONS
OF THE
COAL MEASURES
IN THE VICINITY OF

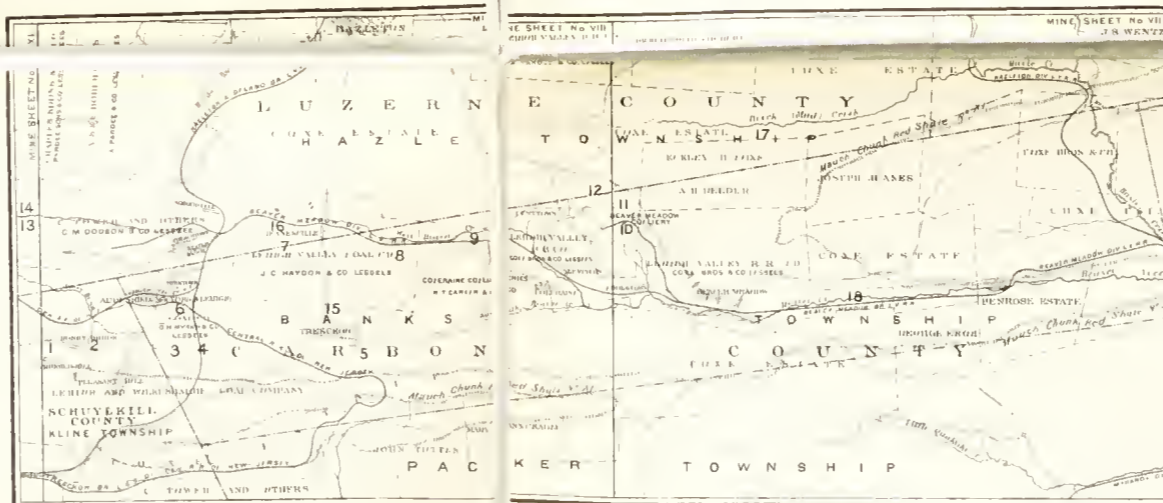
AUDENRIED, YORKTOWN, BEAVER BROOK
AND JEANESVILLE
IN LUZERNE AND CARBON COUNTIES
CONSTRUCTED FROM MEASUREMENTS
OBTAINED FROM THE INDIVIDUAL TITLES
AND FROM THOSE MADE BY THE
GEOLOGICAL SURVEY

Scale 40 feet to 1 inch.

SKELETON MAP
OF THE
MINE POSITION

SHOWING THE
POSITION OF THE COLUMNAR SECTIONS
ON SHEET

Scale 1 mile to 1 inch.



1. The strata comprising some of these measures have been mined locally and several measures indicate a similarity in the character of the strata, and are covered by the topographical survey and the section.
2. Sections Nos. 1, 2, 3, and 4 were obtained from the records of the Lehigh & Wilkes Barre Coal Co. Section No. 5 was obtained from the records of the Beaver Brook Estate. Sections Nos. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

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Sectional No. 2

ANTICLINAL (indicated by Topography)

Approximate Outcrop of Rock

50,000 Feet South of
Methuery City

50,000 Feet East of
Methuery City

A geological map of the Flavel and Roan areas. The map is oriented with North at the top. A dashed line represents the 'approximate outcrop of Buchanan Mountain Bed'. A solid line represents the 'Lehigh Creek'. A dashed line represents the 'Susquehanna Turnpike'. A dashed line represents the '40,000' contour. The map is divided into sections labeled 'N T Y', 'FLAVEL', 'ROAN', 'WILLIAM P. BRADY', and 'ANTICLINAL'. The 'N T Y' section is the largest and is bounded by a dashed line. The 'FLAVEL' and 'ROAN' sections are to the north of the 'N T Y' section. The 'WILLIAM P. BRADY' section is to the south of the 'N T Y' section. The 'ANTICLINAL' section is to the east of the 'WILLIAM P. BRADY' section. The 'Buchanan Mountain Bed' is shown as a dashed line. The 'Lehigh Creek' is shown as a solid line. The 'Susquehanna Turnpike' is shown as a dashed line. The '40,000' contour is shown as a dashed line.

Geological map of the Mammoth and Wharton beds in the High Valley area. The map shows various geological features, including anticlinal folds, synclines, and faults. Key locations marked include Mammoth bed, Wharton bed, and High Valley. The map also shows the location of the Mammoth and Wharton beds in the High Valley area. The map is oriented with North at the top.

BRANCH BED SEVER

Outcrop of Wharton Bed

WILLIAM P. BRAD

Outcrop of Buck Mountain Bed

JOHN MYER

SECTION No. 39

NANTY

PILTON

March chunk Red Shale No. 11

March chunk Red shale No. 1

THOMAS COATES

H N K U N K L E
 March Chalk Red Shale No. 11.
 MARY ANN CRAWLE
 NOTES.
 The North and South Meridian and East and West Parallel lines are drawn 2000 feet apart.
 The first point in red relates to the Mountain bed with the exception of the outcrop
 on top of the March Chalk. Red Shale No. 11.
 The same work in the Whitten bed are shown by purple lines.
 The same bed as shown by black lines.
 Black Mountain bed are shown by black lines.
 On the exception of the main work in the Gamma bed at Honey Brook and Truesdale N° 6 Slopes.
 On the rock slopes, the black print relates to the surface features.
 ■■■■■ Mountain bed
 ■■■■■ Whitten bed
 ■■■■■ Gamma bed
 ■■■■■ Black Mountain bed
 ■■■■■ Alpha bed outcrop
 ■■■■■ near Beaver Brook
 ■■■■■ Walnut lines
 ■■■■■ Property lines
 ■■■■■ Boundary lines
 ■■■■■ Dutch lines
 ■■■■■ Brown lines
 ■■■■■ Shales & red Iron Shales
 ■■■■■ Slopes in color bed
 ■■■■■ Ditches
 ■■■■■ Air Sheds
 ■■■■■ Iron rollers
 ■■■■■ Dots
 ■■■■■ Handlines
 ■■■■■ Rock Sides in Block
 ■■■■■ Strappings in color of bed
 34,000 feet North of
 Mahanoy City
 on top of East of
 Mahanoy City
 This map was constructed from a survey of the
 Lehigh & Wilkes Barre Coal Co.
 Lehigh River & Co.
 Charles M. Perkins & Co.
 George H. Myers & Co.
 William T. Carter & Co.
 Lehigh Valley RR Co.
 J. C. Haydon & Co.
 T. M. New & F. A. M.
 F. H. Fawell
 William R. Reynolds
 A. J. Wunderschul
 A. H. Cochran
 Geological Survey
 on Main Streets, completed 4th 4th 41
 Jean'sville 1 mile 7 1/2 miles north of Mahanoy City
 91 east

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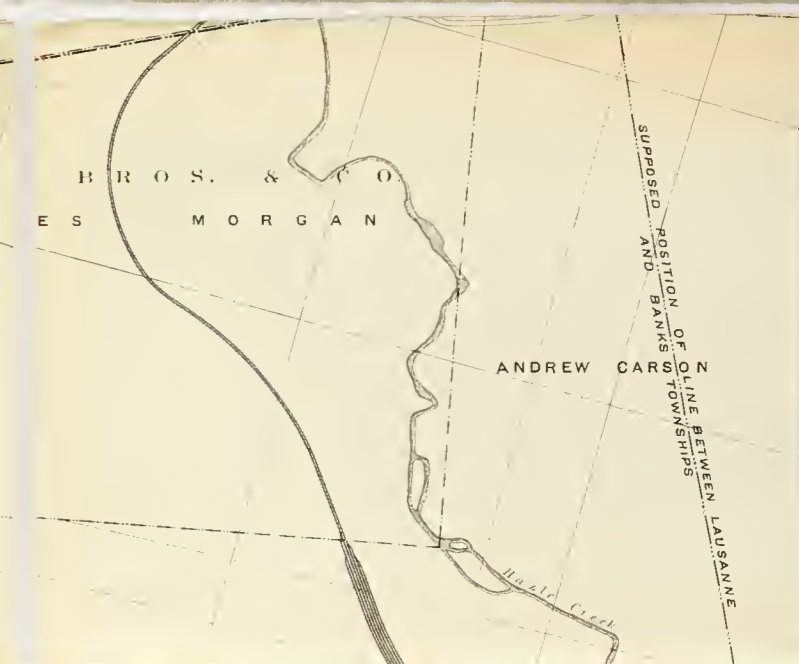
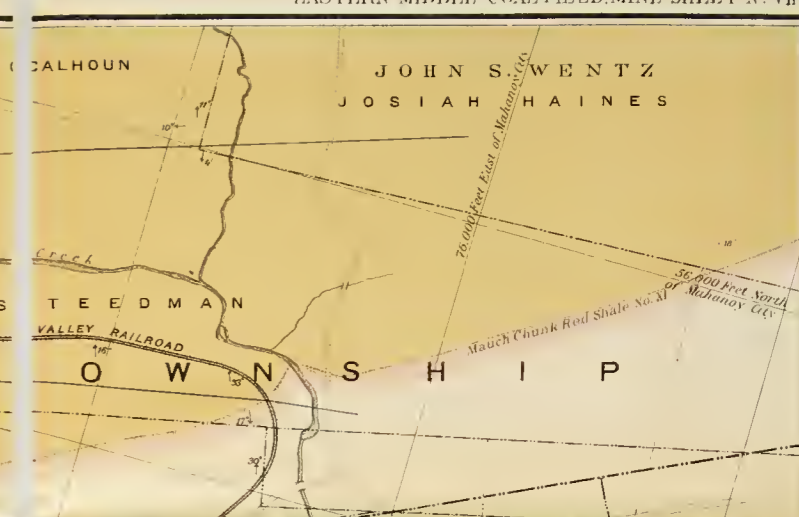
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ALL EASTERN WOODS ANTHROPOLOGICAL FIELD. PART 2. SHEET NO. 10.

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THESE ARE THE ONLY TWO LEFT IN THE

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